# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. (9-14) | DAY | YEAR | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|---|---|
| M | 3042 | 038 | 05 | 04 | 76 | 26BC | 3712 | 7542 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0006 | 13 | — | 15 | 037 | Y | N | 17 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 3 | CL | SA | E | FT | 151 | — | 12 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 00051 | — | — | 00004 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| ← | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN 3H4 | LORAN 3H5 | DEPTH fms | C/C | TIME ON STATION PO | TIME ON STATION DO |
|---|---|---|---|---|---|---|---|---|
| START | 37°12′ | 75°42′ | 2252 | 3094 | 6 | | 1144 | 1145 |
| FINISH | 37°14′ | 75°43′ | 2269 | 3097 | 5 | | PU 1215 | ON 1218 |

| LENGTH WARP | SHAFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 50 | 1209 2 / 5 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

2 American shad
36 Blueback herring
18 Alewife.

# ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3042 — Tot. Fish Captured 2

Date May 4 1976 — Tot. Fish Tagged 2

Area of Release 20mi N of Chesapeake Bay Light Tower — No. Retained for analysis 0

LORAN — Start 37°12' 3H4 2252 75°42' 3H5 3094 — Gear Type 151' wingtrawl

Finish 37°14' 3H4 2269 75°43' 3H5 3097

depth 6 fms

| TAG. NO. | Weight Lbs. | Ozs. | F.L. (cm) | Species | Remarks |
|---|---|---|---|---|---|
| C00167 | 7 | | 730 | P. saltatrix | |
| C00168 | 8 | | 730 | | |

26BC

# R/V DAN MOORE SPECIES LIST

STA. NO. 3042 DATE May 4 1976 BIOLOGISTS BJH JV SGK

TOT. CATCH WT. 55.4 AIR 15 SURFACE sippican 13.3 BOTTOM +thermistor broken

SAMPLE WT. 55.4 RAISING FACTOR 0

| SPECIES | C or NC | SUBSAMPLE NUMBER | SUBSAMPLE WEIGHT | TOTAL NO. | TOTAL WT. | $\bar{X}$ WT | REMARKS |
|---|---|---|---|---|---|---|---|
| Tometomus saltatrix | | | | 2 | 15 | 7.5 | 730 7 |
| | | | | | | | 730 8 |
| Archon hespectus | | Numerous | | | | | |
| Pepsilus triacanthus | NC | | | 28 | 1.8 | 0.1 | |
| | C | | | 2 | 0.5 | 0.3 | |
| Mantelus canis | | | | 2 | 33 | 16.5 | |
| Lolijo pealei | C | | | 45 | 4 | 0.1 | |
| Alosc aestivalis | | | | 36 | 0.5 | <0.1 | |
| Alosa pseudoharengus | | | | 18 | 0.4 | <0.1 | |
| Alosa sapidissima | | | | 2 | 0.2 | 0.1 | |

167

168

Species: *Alosa sapidissima*

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 158 | ♀ | | | | | | 1M | 3042 | |
| 60 | 165 | ♂ | | | | | | 1M | " | A. Shad |

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